

IN THE CLAIMS

Please cancel claims 1-42 without prejudice. Please add new claims 43-58 as follows.

43. A method of detecting a cancerous cell expressing the polypeptide of SEQ ID NO: 24 or a fragment thereof in a biological sample, comprising

a) contacting the sample with an antibody or fragment thereof that specifically binds to the polypeptide of SEQ ID NO: 24 or a fragment thereof for a time period sufficient to form a complex;

b) detecting the complex, so that if a complex is detected, it indicates the expression of the polypeptide of SEQ ID NO: 24 by the cancerous cell; and

c) comparing said expression to a standard indicative of cancer.

44. The method of claim 43, wherein the polypeptide fragment comprises the amino acids 22 to 553 of SEQ ID NO: 24.

45. The method of claim 43, wherein the polypeptide fragment comprises the amino acids 412 to 426 of SEQ ID NO: 24.

46. The method of claim 13 wherein the antibody is conjugated to a radioisotope, affinity label, enzymatic label or fluorescent label.

47. The method of claim 13, wherein the biological sample is selected from the group consisting of tissue, cell, blood, serum, lymphatic fluid, urine and cerebrospinal fluid.

48. The method of claim 13, wherein the cancerous cell is a brain cancer cell.

49. The method of claim 13, wherein the cancerous cell is a prostate cancer cell.

50. The method of claim 13, wherein the cancerous cell is a breast cancer cell.

51. The method of claim 13, wherein the cancerous cell is a skin cancer cell.
52. The method of claim 13, wherein the cancerous cell is a lymphoma cell.
53. The method of claim 13, wherein the cancerous cell is a sarcoma cell.
54. The method of claim 13, wherein the cancerous cell is a colon cancer cell.
55. The method of claim 13, wherein the cancerous cell is a leukemia cell.
56. The method of claim 13, wherein the cancerous cell is an ovarian cancer cell.
57. The method of claim 13, wherein the cancerous cell is a pancreatic cancer cell.
58. The method of claim 13, wherein the cancerous cell is a lung cancer cell.
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